

RUZIEWICZ, Z.

Fluorescence and absorption spectra of azulene in frozen crystalline solutions. Bul Ac Pol mat 11 no.2:79-83 '63.

1. Department of Physical Chemistry, Technical University, Wroclaw. Presented by A. Jablonski.

RUZIEWICZ, Zdzislaw, dr., adiunkt

Electrolytic oxidation of aluminum in the view of physico-chemical research. Pt. 1. Formation and structure of oxide coatings. Wiad chem 15 no.10:637-662 '61.

1. Katedra Chemii Fizycznej, Politechnika, Wroclaw.

(Aluminum)

WZT 72, 7.

A new isolate of *herkellia*. p. 43.

(W AP GCI GPC WZT 72. Vol. 11, no. 1, Jan. 1957. Wrocław, Poland)

SC: Monthly List of East European Accessions (W 1) 12. Vol. 1, no. 12, Dec. 1957.
Encl.

1957, 2.

Properties of the isotopes of elements 99 and 100. p. 13.
(PRAWO LSOT IZOTOPÓW. Vol. 11, no. 1, Jan. 1957. Wrocław, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl..

RUZIEWICZ, Z

SCIENCE

PERIODICAL: ROCZNIKI CHEMII, Vol. 31, No. 2, 1957

RUZIEWICZ, Z The electro-and photo-luminescence spectra of oxide films
formed during anodic oxidation of aluminum in solutions of oxalic acid.
p. 731.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4
April 1959, Unclass

RUZIEWICZ, Z.

Z. RUZIEWICZ, "Polarimetric investigations in infra-red." Chemical News, Poland
No. 1, January 1955, pp. 1-4

PUZIEWICZ, Z.

Z. PUZIEWICZ, "A new fluorescent indicator." (From Z. and Chem. 1955, 145, 16
Vol. IX, No. 9, September 1955, Chemical News (Poland).

RUZIEWICZ, Z.

Further photometric studies on the luminescence of formed aluminum anodes. Bul chim PAN 9 no.7:495-500 '61.

1. Department of Physical Chemistry, Technical University, Wroclaw
Presented by M. Smialowski.

POLAND / Physical Chemistry. Electrochemistry.

B

Abs Jour: Ref Zhur-Khimiya, No 17, 1958, 56877.

Author : Ruziewicz Zdislaw.

Inst : Not given.

Title : Electro And Photoluminescence Spectra of Oxide
Films, Originating at the Anodic Oxidation of
Aluminum in Oxalic Acid Solutions.

Orig Pub: Roczn. chem., 1957, 31, No 2, 731 - 734.

Abstract: It has been demonstrated, in the course of the
conducted work (RZhKh, 1957, 47211, 54040) that,
the radiation spectrum of the al - anode in ox-
alic acid solutions is during the electrolysis
process identical to the photoluminescence spec-
trum of the oxide film, formed on the Al-anode.

Card 1/1

29

DO7 15M 10 7 7

4
✓ Luminescence of oxide films produced during anodic oxidation of aluminum. Z. Rozewicz (Inst. Technol. Wrocław). Bull. Acad. Polon. Sci. Classe III, 4, 637-41 (1960) (in English).—During anodic d.c. oxidation of Al in dil. oxalic acid solns. the intensity of visible radiation, J , from the Al anode films is measured. With const. e.d., d , J increases linearly with increasing voltage, V , in the range 80–100 v. J is also a monotonically increasing function of d at const. V . The Al anode glow is electroluminescence of a thin anodic layer. Ionization by impact takes

place in this layer during the passage of electrons and the luminescence results.
R. Holm

R47 IFW102

Phys

✓ Luminescence of aluminum electrodes during electrolysis by alternating current in solutions of oxalic acid. Z. Ruzewicz (Inst. Technol., Wrocław). Bull. acad. polon. sci. classe III, 4, 543-7 (1956) (in English); cf. following abstr. — In the formation of oxide films by a.c. electrolysis, a yellowish luminescence is observed. Anodes formed with d.c. emit a bluish light. The functional dependence of J on d and V indicates a difference in the mechanism of light emission in d.c. and a.c. electrolysis. In a.c. electrolysis during the pos. half-period the bluish light is emitted, and during the neg. half-period yellow flashes occur. The oxide film is considered as a crystal phosphor and the phosphor band model is applied. This evidence supports the contention that luminescence of Al anodes during electrolysis ought to be regarded as electroluminescence. R. H.

cm KVS
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RUZIEWICZ, Z.

"Analysis of luminescence in chemistry", p. 489, (WIADOMOSCI CHEMICZNE, Vol. 7, No. 11, November, 1953), Warszawa, Poland.

SO: Monthly List of East European Accessions, L.C., Vol. 3, No. 4, April, 1954

RUZIEWICZ, Zdzisław

Chemical Abst.

Vol. 48

Apr. 10, 1954

Analytical Chemistry

7
2. Fluorescence analysis in chemistry. Zdzisław Ruziewicz (Higher Polytech. School, Wrocław, Poland). Wiedza i Chem, 7, 489-508 (1953).—A review with 44 references. Adam Sporyński

RUZIEWICZ, Z.

POL - 4

535.371

4394. Investigations on the luminescence of some powder-phosphors. K. GUMINSKI AND Z. RUZIEWICZ. Bull. Internat. Acad. Polon. Sci. A, No. 3-6, 189-91 (March-June, 1951).

Samples of KBr-TiCl₃ phosphors are made by grinding the constituents together in an agate mortar. Increase in Ti content increases the u.v. emission but decreases the visible emission. At high Ti content the phosphorescence decay is complex but is exponential for Ti contents less than a few per cent.

P.B. O. F. J. GARLICK

RUZIEWICZ, Z.

RUZIEWICZ, Z.

Phosphorescence spectra of potassium chloride-thallium powder phosphor. Zdzisław Ruziewicz (Inst. Technol., Warsaw). *Rozprawy chem.* 28: 533-537 (1984) (English summary). — The phosphorescence spectra of KBr-Tl powder phosphor with different contents of activator has been studied in the visible region. It was found that increasing the activator content caused a considerable increase of the relative intensity in the long-wave emission band. This band can be assumed as due to the transition $^3P_2 \rightarrow ^3S_1$ or $^3P_2 \rightarrow ^3S_1$ in the Tl⁺ ion. The interaction of activator ions connected with the higher content of activator makes possible these transitions forbidden in normal conditions. S. N.

Met

RUZIEWICZ, Zdzislaw, dr adiunkt

Electrolytic oxidation of aluminum and some other metals in light of physical and chemical research. Pt. 2. Wiad chem 17 no. 6:325-351 Je '63.

1. Katedra Chemii Fizycznej, Politechnika, Wroclaw.

RESEARCH, I.

"Phosphorescence Spectra of HBr.Tl Powder-phosphor.", p. 205, (54-21311
Czechoslovakia, Vol. 25, No. 2, 1954, Warsaw, Poland)

SC: Monthly List of East European Accessions (TII), LC, Vol. 1, No. 3,
March 1958, Incl.

RUZIK, Z.

EXperience of Cerny and Kuranov, shock workers in welding. p. 220.
New principles in construction of manipulators for welding. p. 221.
(Zvaranie, Vol. 3, no. 7, July 1954, Praha.)

SO: Monthly List of East European Accession, (EEAL). LC, Vol. 4,
No. 11, Nov. 1956, Uncl.

TESARIKOVA, L.; SUDA, M.; RIGNY, D.; RUIKVA, H.; KUBES, V.; JURKO, A.;
GREGR, V.; BOUCHALOVA, M.

Reactivity of children with rheumatic fever during the course
of the year. Fysiat. vestn. 43 no.2:83-91 Mr '65

1. II. detska klinika (prednosta - prof. dr. M. Toman), katedra
zdravotnictvi (vedouci - prof. dr. A. Zacek) lekarske fakulty
University J.E. Purkyně v Brně; Detske lecebny pro reumatiky a
kardiaky v Bludove, Pobebradch, Sliaci a Teplicích n.b.
(vedouci - MUDr. V. Kubes, MUDr. V. Gregr; MUDr. J. Kozacek a
MUDr. L. Tesarikova).

RUZIKOWSKI, Tadeusz, mgr inz.

Radioisotopes in the service of mining. Wiadom gorn
14 no.1:22-25 Ja '63.

RUZIN, A.M.

Medical supplies industry in Denmark and Sweden. Med. prom. 11 no.5:
57-60 My '57. (MIRA 10:6)
(DENMARK--MEDICAL SUPPLIES) (SWEDEN--MEDICAL SUPPLIES)

RUZIN, A.M.

Let us increase the output of electrical medical apparatus.
Med.pron. 13 no.6:5-7 Je '59. (MIRA 12:8)

1. Moskovskiy zavod elektromeditsinskoy apparatury.
(MEDICAL INSTRUMENTS AND APPARATUS)

RUZIN, B., inzh.

Use vibrated brick panels in rural construction. Sel'.stroi.
15 no.6:14-15 Je '60. (MIRA 13:8)
(Building, Brick)

RUZIN, B., kand. ekon. nauk.

Using reed panels in frameless construction. Sel'. stroi. 12 no.2:
9-12 F '58. (MIRA 11:2)

(Reed (Botany))

RUZII, B., inzh.

Using green bricks in building in the German Democratic Republic. Sel'.stoi. 14 no.8:24-28 Ag '59. (MIRA 12:12)
(Germany, East--Brick houses)

RUZIN, B., inzhener.

Cold bituminous suspensions. Stroi.mat., izdel.i konstr. 2 no.5:
35-36 My '56. (MLRA 9:8)

(Rumania--Roofing)

RUZIN, B., kand. ekon. nauk

Dwellings built of reedwork bars. Stroitel' no.8:29 Ag '59.
(MIRA 12:12)

(Kherson Province--Architecture, Domestic)
(Reed (Botany))

RUZIN, B., dotsent

Students of the Institute of Architecture provide rural builders with designs. Sel'. stroi. 15 no.1:7-8 Ja '61. (MIRA 14:3)

1. Moskovskiy arkhitekturnyy institut.
(Farm buildings)

BRESLER, P.I.; RUZIN, B.N.

Optico-acoustic effect in mercury vapors. Opt. i spektr; 8 no.5:
733-735 My '60. (MIRA 13:9)
(Mercury--Spectra)

RUZIN, B.N.

8197h

S/051/60/009/01/004/031
E201/E691

24.3430

AUTHORS: Bresler, P.I. and Ruzin, B.N.

TITLE: The Optico-Acoustic Effect in the Visible and Ultraviolet Regions
and Its Relationship with Photochemical Reactions in Gases

PERIODICAL: Optika i spektroskopiya, 1960, Vol 9, Nr 1, pp 22-25 (USSR)

ABSTRACT: The optico-acoustic effect was discovered in the infrared region. Recently Gerlovin (Ref 1) reported observations of the optico-acoustic effect in the ultraviolet region in nitrogen, oxygen and acetylene. The present paper reports the existence of the optico-acoustic effect in the near ultraviolet region in chlorine and in the visible region in nitrogen dioxide. The optico-acoustic effect was detected by means of apparatus (Fig 1) consisting of a typical optico-acoustic gas analyser and including appropriate light sources. The ultraviolet sources were lamps UFO and PRK-4; the visible source was a 12V, 30W incandescent lamp. The authors obtained also the "gas characteristics" of a prototype optico-acoustic gas analyser

Card

Card 1/2

GEL'MAN, N.E.; BRESLER, P.I.; RUZIN, B.N.; GREK, N.V.; SHEVELEVA, N.S.;
MEL'NIKOVA, A.A.

New method for the automatic microdetermination of carbon and
hydrogen in organic compounds. Dokl. AN SSSR 161 no.1:107-110
Mr 1965. (MIRA 18:3)

1. Institut elementoorganicheskikh soyedineniy AN SSSR i Spetsial'-
noye konstruktorskoye byuro analiticheskogo priborostroyeniya AN
SSSR. Submitted July 29, 1964.

TOLSTOY, Mikhail Georgiyevich; RUZIN, B.V., nauchn. red.;
STANISLAVENKOVA, V.G., red.

[Masonry and furnace work in rural construction] Kamen-
nye i pechnye raboty v sel'skom stroitel'stve. Moskva,
Vysshaya shkola, 1965. 302 p. (MIRA 18:12)

RUZIN, Boris Vasil'yevich; OSMOLOVSKIY, M., obshchiy red.; KOSTYUK,
G.Ye., inzh., red.; DMITRIYEVA, N.L., red.izd-va; MEDVEDEV,
L.Ya., tekhn.red.; GUSEVA, S.S., tekhn.red.

[Above construction] Stroitel'stvo iz gainosyrtsovykh materi-
alov. Pod obshchei red. M.Osmolovskogo. Moskva, Gos.izd-vo
lit-ry po stroit. i arkhitekt., 1956. 133 p. (MIRA 13:1)
(Building, Adobe)

BRESLER, P.I.; RUZIN, B.N.

Optico-acoustic phenomenon in the visible and ultraviolet regions of the spectrum, and its relation to photochemical processes in gases. Opt.i spektr. 9 no.1:22-25 J1 '60.

(MIRA 13:7)

(Chlorine--Spectra) (Nitrogen oxide--Spectra)
(Photochemistry)

82952

S/051/60/008/005/024/027
E201/E491

5.4500 (B)

AUTHORS: Bresler, P.I. and Ruzin, B.N.TITLE: The Optico-Acoustic Effect in Mercury Vapour

PERIODICAL: Optika i spektroskopiya, 1960, Vol.8, No.5, pp.733-735

TEXT: Gerlovin (Ref.1) and the present authors (Ref.2) reported earlier the existence of the optico-acoustic effect at ultraviolet and visible wavelengths. These experiments were carried out on oxygen, nitrogen, acetylene, chlorine and nitrogen dioxide. The present authors showed (Ref.2) that the optico-acoustic effect at ultraviolet and visible wavelengths is more complex than in the infrared region because of the possible effect of photodissociation of molecules. The present paper extends these investigations to monatomic mercury vapour irradiated with light from a mercury-quartz lamp PRK-4 producing the 2537 Å wavelength. Atoms of mercury excited with ultraviolet radiation become photochemically active and this photoactivity may affect the observed optico-acoustic effect. Measurements showed that the optico-acoustic effect in mercury vapour mixed with air or argon falls rapidly from the moment when ultraviolet radiation begins and practically disappears in 4 to 5 min (cf. the lower curve in a figure on p.734). When

Card 1/2

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E201/E491

The Optico-Acoustic Effect in Mercury Vapour

irradiation is stopped for a time interval necessary for mercury vapour to diffuse throughout the receiver chamber, the original magnitude of the optico-acoustic effect is restored and the process is repeated. When the chamber is filled with hydrogen the optico-acoustic effect in mercury vapour first rises in magnitude (for 6 to 8 min) then remains constant and finally starts to fall (after 20 min irradiation); this is shown in the upper curve in the figure. The reduction of the optico-acoustic effect magnitude in the case of air and argon is due to oxidation of mercury vapour by atmospheric oxygen or its traces present in argon. In the case of hydrogen the ultraviolet radiation produces a photochemical reaction with mercury which leads to dissociation of hydrogen molecules. Alternately the behaviour of hydrogen can be explained by an exothermal reaction between hydrogen and traces of oxygen in it, sensitized by mercury vapour. There are 1 figure and 2 Soviet references.

SUBMITTED: December 30, 1959

Card 2/2

RUZIN, B.V., kanl.ekonom.nauk; KOSTYUK, G.Ye., inzh.; NEFEDOV, S.F.,
insh., red.; ZAKHARENKO, V.I., red.izd-va; LITKINA, L.S.,
red.izd-va; STEPANOVA, E.S., tekhn.red.

[Using precast reinforced concrete and reed in rural
construction] Opyt primeneniia sbornogo zhelezobetona i
kamysa v sel'skom stroitel'stve. Pod red. S.F.Nefedova.
Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.
materialam, 1959. 74 p. (MIRA 12:9)
(Farm buildings) (Precast concrete construction)
(Reed (Botany))

RUZIN, B. V.

Prefabricated houses built of reed panels. Stroitel' 2 no.9:23-24 S'56.
(Rumania--Building) (MIRA 10:1)

RUZIN, Boris Vasil'yevich; OSMOLOVSKIY, M., redaktor; KOSTYUK, G.Ye.,
inzhener, redaktor; DMITRIYEVA, N.L., redaktor izdatel'stva;
MEDVEDEV, L.Ya, tekhnicheskii redaktor; GUSEVA, S.S., tekhnicheskii
redaktor

[Building with clay materials] Stroitel'stvo iz glinosyrtsovykh
materialov. Pod obshchei red. M.Osmolovskogo. Moskva, Gos. izd-vo
lit-ry po stroit. i arkhitekture, 1956. 133 p. (MIRA 10:2)
(Building) (Clay)

RUZIN, B.

RUZIN, B., Kandidat tekhnicheskikh nauk.

Erecting adobe walls. Stroitel' no.6:21-23 Je '57. (MLRA 10:9)
(Walls) (Building, Adobe)

RUZIN, B.V., kandidat ekonomicheskikh nauk; ESTROV, Z.I., kandidat tekhnicheskikh nauk, nauchnyy redaktor; MASLOV, N.A., redaktor izdatel'stva; GUSEVA, S.S., tekhnicheskiiy redaktor

[Technical and economic evaluation of rural dwellings] Tekhniko-ekonomicheskaya otsenka proektov sel'skikh zhilykh domov. Izd. 2-oe. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 57 p. (MIRA 9:11)

(Farmhouses)

1. RUZIN, B.
2. USSR (600)
4. Building Materials
7. Industrial combine supplies collective farms with building materials. Sel'. stroi.
7 no. 6. 1952.

9. Monthly List of Russian Accessions, Library of Congress. March 1953. Unclassified.

RUZIN, B.V.

~~RUZIN, B.V.~~; kandidat ekonomicheskikh nauk; ESTROV, Z.I., kandidat tekhnicheskikh nauk, redaktor; MASLOV, N.A., redaktor; SMOL'YAKOVA, M.V., tekhnicheskiiy redaktor; TOKER, A.M., tekhnicheskiiy redaktor

[Technical and economic appraisal of plans for rural homes] Tekhniko-ekonomicheskaya otsenka proektov sel'skikh zhilykh domov. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1954. 39 p. (MLRA 8:3)
(Architecture, Domestic--Designs and plans)
(Farmhouses)

RUZIN, B.V.

KURBATOV, D.I.; NIKOLAYEV, V.I.; KIRSANOVA, M.K.; RUZIN, B.V.; ROMANOV, A.A.;
OSMOLOVSKIY, M.S., obshchiy redaktor; DYURNBAUM, N.S., doktor tekhnicheskikh nauk, redaktor [deceased]; GOESHKOV, A.P., redaktor;
PECHKOVSKAYA, T.V., tekhnicheskij redaktor.

[Fireproof construction] Ognestoikoe stroitel'stvo. Pod obshchei
red. M.S.Osmolovskogo. Moskva, Gos. izd-vo lit-ry po stroit. i
arkhitekture, 1953. 142 p. [Microfilm] (MIRA 8:2)
(Building, Fireproof)

RUZIN, F.V.

✓ Relation between the function of atomic distribution and certain thermodynamic values of binary mixtures. F. V. Ruzin. *Nauch. Zapiski Dnepropetrovsk. Univ.* 41, 61-63 (1954); *Referat. Zhur.*, No. 1953, No. 680. — Formulas are developed to express the dependence of the ΔF , potential energy and the fluctuation in d , on the at. (mol.) distribution function. An equation is also derived for an equilibrium system representing a binary mixt. The method used and the final formulas are a direct amplification of the results obtained by Bogolyubov on 2-component systems.

Marjorie Ketner

RUZIN, M.I.

Some problems in the kinematics of air currents. Vest.Len.un.9
no.5:119-140 My 1954. (MIRA 9:7)
(Air flow) (Winds)

RUZIN, M. I.

USSR/Geophysics - Droughts

FD-760

Card 1/1 : Pub 44-8/11

Author : Ruzin, M. I.

Title : Some results of a theoretical analysis of four sukhovei [hot dry winds of European USSR]

Periodical : Izv. AN SSSR, Ser. geofiz. ⁵ 481-493, Sep-Oct 1954

Abstract : Expounds the results of calculations of the vertical component of the wind velocity, temperature, vertical gradient of temperature, trajectories of air particles, and transformation of air for four droughts. Establishes that the cause of the formation of droughts is the transformations of air from the underlying surface and the advection of its heated and dried masses. The results of study apply to the four droughts that took place 5 June, 11 June, 18 July in 1949 and 6 May 1950, mainly in the southeast and south European territory of the USSR. Acknowledges assistance of M. I. Yudin and M. V. Zavarina.

Institution : --

Submitted : July 3, 1953

RUZIN, M.I.

Effect of turbulent friction on the movement of air particles.
Izv.AN SSSR ser.geofiz.no.6:722-727 Je '56. (MIRA 9:9)
(Atmospheric turbulence)

S/049/59/000/12/026/027
E032/E391

AUTHOR: Ruzin, M.I. ✓

TITLE: Analysis of Atmospheric Motions Based on the Pressure Field

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya,
1959, Nr 12, pp 1895 - 1901 (USSR)

ABSTRACT: The method is based on the trajectories of the air particles (Refs 1, 2). The fundamental equation of motion in this case is Eq (1) and its solution in the final form is Eq (10). The latter formula was applied in calculation of the trajectories illustrated in Figures 1 and 2. The nature of the discrepancies between the actual and the calculated trajectories is shown in Figure 3. The analysis showed that the calculated trajectory is nearer to the actual one than the geostrophic trajectory. There are 5 figures and 9 Soviet references.

ASSOCIATION: Leningradskiy gidrometeorologicheskii institut
(Leningrad Hydrometeorological Institute)

SUBMITTED: December 3, 1959

Card 1/1



RUZIN, M.I.

Energy dispersion of nonisotropic turbulence. Trudy GGO
no.167:201-204 '65. (MIRA 19:1)

ACC NR: AP6006129

SOURCE CODE: UR/0362/65/001/010/1014/1021

AUTHOR: Ruzin, M. I.

323

ORG: Leningrad Hydrometeorological Institute (Leningradskiy gidrometeorologicheskii institut)

TITLE: Effect of meteorological conditions on the vertical profile of the turbulence coefficient in the atmospheric boundary layer

SOURCE: AN SSSR. Izvestiya. Fizika atmosfery i okeana, v. 1, no. 10, 1965, 1014-1021

TOPIC TAGS: atmospheric turbulence, atmospheric temperature, geostrophic wind, wind velocity, motion equation

ABSTRACT: Wind velocity, turbulence, and the temperature profile of the boundary layer were investigated on the basis of earlier work by A. S. Monin (1950) and Rusin (1963). Differential equations of motion are derived and solved, assuming that the wind velocities and temperature are constant along the Ox -axis, which is the direction of geostrophic wind cg , and by applying the Karman formula for scale determination. The solution of the equations shows that 1) the properties of the boundary layer for any given latitude are determined by the value of cg , (a geostrophic wind velocity) and temperature characteristics; 2) equations

$$K_0 = e^{-z_0} (1 - e^{-z_0}) , \quad z - e^{-z_0} \sim l; \quad \text{and} \quad e^{-z_0} \sim \sqrt{\frac{\tau}{\rho}}$$

UDC: 551.551.2

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ACC NR: AP6006129

are valid for the equilibrium conditions where K_δ is the dimensionless coefficient of turbulence, z_δ is the dimensionless altitude, ρ is the air density, and l is the scale factor; 3) K_δ as a function of z_δ can be evaluated from theoretically computed curves for variable values of δ , the dimensionless parameter of thermal stability; 4) the dependence of l on the stability and latitude is in general, similar to the dependence of K on the altitude; 5) K , Π , and D values (where Π is the function of temperature, gravity, velocity of convection, altitude, and adiabatic gradient and D is the velocity of dissipation) always decrease with altitude; however, for $\epsilon > 0$ the D value begins to increase at some level; and 6) the integral equation of turbulent energy balance gives

$$K = \frac{(\delta - 1)c_g^2}{\pi\omega_z\epsilon}$$

where $\bar{K}$ is the constant coefficient of turbulence, δ is the mean ratio of energy dissipation to the energy, and ω_z is the vertical component of angular velocity. Orig. art. has: 21 formulas, 3 figures.

SUB CODE: 04/

SUEM DATE: 15Feb65/

ORIG REF: 008/

OTH REF: 001

Card 2/2 hs

RUZEL, F. V.

"Connections of Atomic Distribution Functions With Certain Thermodynamic Values of Binary Mixtures", Nauch. Zap. Dnepropetr. Univ., No 41, 1953, pp 51-63.

Formulas expressing the dependence of the mean potential energy and density fluctuation on the function of atomic (molecular) distribution are derived. The equation of the balanced state of a binary mixture is obtained. These formulas are final applications of N. N. Bogolyubov's results in the case of bi-component systems. (RZhFiz, No 1, 1955)
SO: Sum No. 443, 5 Apr. 55

SOV/124-58-2-1759

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 2, p 38 (USSR)

AUTHORS: Ruzin, I. I., Faynshteyn, A. M., Checherinda, Ye. T.

TITLE: Desigr. Calculation of Burners According to the UKhIN (Khar'kov Coal-chemical Scientific Research Institute)method [Raschet gorelok po metodu UKhIN]

PERIODICAL: Soobshch. Gos. soyuzn. in-ta po proyektir. predpriyatiy koksokhim. prom-sti, 1955, Nr 15, pp 1 and 88-95.

ABSTRACT: Bibliographic entry

Card 1/1

1ST AND 2ND COPIES										3RD AND 4TH COPIES									
PROCESSING AND PROPERTY INDEX																			
<i>MSC</i>										<i>B-I-2</i>									
Mathematical determination of shrinkage of two-coal mixtures on an analytical basis. I. I. RYKH (Koks i. Chim., 1966, No. 7, 15-19).—The method uses the caking properties of coal, as determined by Rapochnikov's method (B., 1934, 563). Examples of its use are given, but improvement and simplification are desirable. J. W.																			
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Mathematical determination of shrinkage of two-coal mixtures on an analytical basis. L. L. Rykunov. *Coke and Chem* (U. S. S. R.) 1935, No. 7, 15-19. The method uses the coking properties of coal, as detd. by Sapozhnikov's method (C. A. 28, 2150). Examples of its use are given. Improvement and simplification are desirable. B. C. A.

AND SEE METALLURGICAL LITERATURE CLASSIFICATION

62

RUZIN, I. S.

Ruzin, I. S.

"Investigation of Hollow Parts Obtained by Casting in Molds Rotated around a Horizontal Axis." Min Higher Education USSR. Odessa Polytechnic Inst. Odessa, 1955. (Dissertation for the Degree of Candidate in Technical Science)

So: Knizhnaya letopis', No. 27, 2 July 1955

RUZIN, I.

157T6

USSR/Electricity - Electric Systems, Protection Literature

Dec 49

"Review of G. I. Atabekov's Book, 'Relay Protection of High-Voltage Networks,'" Prof P. L. Kalantarov, Dr Tech Sci, Docent Ya. I. Ruzin, Cand Tech Sci, Leningrad Polytech Inst imeni Kalinin, 1 p

"Elektrichestvo" No 12

Reviews favorably. Book reflects achievements of Soviet scientists in this field. Subject matter includes equivalent circuits for calculating transient phenomena of nonsymmetrical short circuits, remote protection, oscillation effects on relay protection, symmetrical-component filters, high-frequency differential-phase and directional protection, and problems of protecting long and heavily loaded lines. Gosenergoizdat, 1949, 424 pp, 20 rubles 50 kopeks.

IA 157T6

CA

7

Rapid determination of free sulfuric acid in an anode solution. M. G. Rugin, *Zavodskaya Lab.* 15, 712 (1949). Free H_2SO_4 is estd. from the concn. of anode solns. (Bakhtvalov and Turkovskaya, *Corrosion and Protection of Metals* 1941, (C.I. 43, 7880/1) by subtracting 9 times the known Al concn. from the amt. of H_2SO_4 contained in a dil. H_2SO_4 of the same d. given in the table. G. M. Kosolapoff

I 30986-66 EMT(1)/FCC GW
ACC NR: AT6004162

SOURCE CODE: UR/2531/65/000/167/0201/0204

AUTHOR: Ruzin, M. I.

54
871

ORG: Main Geophysical Observatory, Leningrad (Glavnaya geofizicheskaya observatoriya)

TITLE: Dissipation of energy by anisotropic turbulence 2, 4, 5, 8

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 1, 1965. Fizika pogrannichnogo sloya atmosfery (Physics of the boundary layer of the atmosphere), 201-204

TOPIC TAGS: atmospheric turbulence, turbulent flow, incompressible flow

ABSTRACT: The author considers the expression derived by Taylor in 1935 for the speed of dissipation D of the energy ϵ of isotropic turbulence in a unit mass of incompressible fluid:

$$D = 15\nu \frac{(\overline{u'})^2}{\lambda^2}, \quad (1)$$

where ν is the kinematic coefficient of molecular viscosity, $\overline{u'}^2 = \frac{2}{3}\epsilon$ is the mean

Card 1/2

L 30986-66

ACC NR: AT6004162

square of pulsation in wind velocity and λ is the so-called microscale of turbulence which has the dimension of length. In this paper, the formula is generalized to the case of arbitrary turbulent flow of an incompressible fluid. Consideration is given to the average change in the turbulent energy in a unit of time due to forces of molecular viscosity. A scalar product is formed from the resultant of these forces and the vector for pulsation of the velocity of flow, and this product is then averaged with respect to time. It is shown that the expression derived reduces to Taylor's formula for the isotropic case. Orig. art. has: 13 formulas.

SUB CODE: 08/ SUBM DATE: 00/ ORIG REF: 000/ OTH REF: 006

Card 2/2 *LL*

RUZIN, M.I.

Influence of meteorological conditions on the vertical profile of the coefficient of turbulence in the atmospheric boundary layer. Izv. AN SSSR. Fiz. atm. i okeana 1 no.10:1014-1021 O '65. (MIRA 18:10)

1. Leningradskiy gidrometeorologicheskiy institut.

RUZIN, M.I..

Determination of the coefficient of turbulence in the
boundary atmospheric layer. Trudy Len. gidromet. inst.
no.15:52-65 '63. (MIRA 17:1)

RUZIN, M.I.; BOLDYREVA, N.A.; SAVEL'YEVA, T.A.

Some results of the calculation of the coefficient of
turbulent exchange in a boundary layer. Trudy Len. gidromet.
inst. no.15:66-80 '63. (MIRA 17:1)

RUZIN, M.I.

Effect of horizontal temperature gradient of the planetary
boundary layer of the atmosphere. Izv. AN SSSR. Ser. geofiz.
no.3:493-497 Mr '63. (MIRA 16:3)

1. Leningradskiy gidrometeorologicheskiy institut.
(Atmospheric temperature)

S/169/62/000/011/033/077
D228/D307

3. 11

AUTHOR: Ruzin, M.I.

TITLE: Question of calculating the vertical velocity of air

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 11, 1962, 46,
abstract 11B282 (Tr. Leningr. gidrometeorol. in-ta,
no. 12, 1961, 132-136)

TEXT: A way of calculating the vertical air velocity component w from vortex and continuity equations is considered, with the retention of all terms of these equations, even the relatively minor ones, including the terms in the vortex equation describing vertical vortex transfer and vortical tube rotation. With regard to these terms the equation for determining w appears to be a differential equation in partial first-order derivatives. The article sets out a method of successive approximations for solving the given equation. The first approximation w_1 is obtained by disregarding terms describing vortical tube turning. The second is obtained through substituting $w = w_1$ in these terms. No further approxima-

Card 1/2

RUZIN, M.I.

Vertical motions of air in the frontal zone. Izv. AN SSSR. Ser.
geofiz. no.12:1866-1870 D '60. (MIRA 13:12)

1. Leningradskiy gidrometeorologicheskii institut.
(Meteorology)

LOBACHEV, P.V., kand.tekhn.nauk; RUZIN, M.Ya., inzh.

Nomograms for the hydraulic design of polyethylene pipes. Vod. 1
san. tekhn. no.5:29-31 My '63. (MIRA 16:6)
(Pipe, Plastic)

KAGAN, D.F., kand. tekhn.nauk; VANYAKIN, D.M., kand. tekhn. nauk;
LOBACHEV, P.V., kand. tekhn. nauk; YEKHLAKOV, S.V., inzh.;
PAVLOV, L.D., inzh.; RUZIN, M.Ya., inzh.; ANDREYEVA, I.N.,
inzh.; SHMAKOVA, G.D., inzh. Prinimali uchastiye:
SAPOZHNIKOV, M.M., kand. tekhn. nauk; GEFDING, A.K., kand.
tekhn. nauk; MALINOVSKIY, R.B., inzh.; STRASHNYKH, V.P.,
red. izd-va; KASIMOV, D.Ya., tekhn. red.

[Instructions for designing, installing, operating, and
repairing interior water supply systems using vinyl plastic
pipes] Ukazaniia po proektirovaniu, montazhu, ekspluatatsii
i remontu vnutrennikh vodoprovodov iz viniplastovykh trub.
Moskva, Gos. izd-vo lit-ry po stroit., arkh. i stroit. ma-
terialam, 1961. 91 p. (MIRA 15:2)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut sa-
nitarnoy tekhniki. 2. Nauchno-issledovatel'skiy institut sa-
nitarnoy tekhniki Akademii stroitel'stva i arkhitektury SSSR
(for Kagan, Vanyakin, Lobachev, Yekhlakov, Pavlov, Ruzin,
Andreyeva, Shmakova). 3. Leningradskiy nauchno-issledovatel'skiy
institut Akademii kommunal'nogo khozyaystva im. K.D.Pamfilova
(for Sapozhnikov). 4. Vsesoyuznyy nauchno-issledovatel'skiy in-
stitut gidrotekhnicheskikh i sanitarno-tekhnicheskikh rabot
(for Gefding). 5. Institut po proyektirovaniyu zhilishchno-
grazhdanskogo stroitel'stva v g. Moskve (for Malinovskiy).
(Water pipes)

RUZIN, M.Ya., inzh.

Hydraulic calculations for plastic pipelines. Vod. i san.
tekh. no.9:1-5 '62. (MIRA 15:12)
(Pipe, Plastic)

DUNIN-BARKOVSKIY, I.V., doktor tekhn. nauk; RUZIN, M. Ya., kand. tekhn.
nauk

Concerning the roughness of plastic pipes. Vol. 1 ser. tekhn.
no.2:22-24 F '64 (MIRA 18:2)

RUZIN, M.Ya.

Use of plastic pipes and steel pipes lined with plastic in
piping for balneology. Sbor. trud. NIIST no.12:54-65 '62. (MIRA 16:3)

(Hydrotherapy—Equipment and supplies)
(Water pipes)

RUZIN, S.I.; ALESHIN, A.F.; IVANOV, P.V.; PODKOVYROV, M.I.; ASONOV,
A.A.; PLYUSNIN, A.K., red.

[Manual for a logging camp machinery operator] Spravochnik
mekhanika lespromkhoza. [By] S.I.Ruzin i dr. Moskva, Gos-
lesbumizdat, 1963. 431 p. (MIRA 17:6)

1. TSentral'nyy nauchno-issledovatel'skiy institut mekha-
nizatsii i energetiki lesnoy promyshlennosti (for all
except Plyusnin).

RUZIN, S.I., inzh.

Mean diameter of a shaft or hole having complex deviation from
the correct cylindrical shape. Trudy MIMESKH 12:203-207 '60.
(MIRA 13:9)

(Machine-shop practice)

SHPOLYANSKIY, B.Yu.; RUDAKOVA, A.F., mladshiy nauchnyy sotr.; ANTONOVA, G.P., tekhnik; ANIKIYENKO, O.M., tekhnik; RUZIN, S.I., otv. za vypusk; IOFINOVA, TS.B., red. izd-va; SHIBKOVA, E.Ye., tekhn. red.

[Album of working drawings of the basic parts and units of the TDT-60 tractor] Al'bom rabochikh chertezhei osnovnykh detalei i uzlov traktora TDT-60. Moskva, Goslesbumizdat. Pt.1. [The D60T engine] Dvigatel' D60T. 1962. 224 p. (MIRA 15:10)

1. Khimki. Tsentral'nyy nauchno-issledovatel'skiy institut mekhanizatsii i energetiki lesnoy promyshlennosti. 2. Rukovoditel' laboratorii tipovoy tekhnologii remonta mashin i organizatsii remontnykh predpriyatiy otdeleniya remonta lesozagotovitel'nogo oborudovaniya Tsentral'nogo nauchno-issledovatel'skogo instituta mekhanizatsii i energetiki lesnoy promyshlennosti (for Shpolyanskiy).

(Tractors---Engines)

ALESHIN, Aleksey Filippovich; PODKOYROV, Mikhail Ivanovich; RUZIN, Sergey Ivanovich; USTINOV, Veniamin TSezifovich; FAKHEYEV, A.D., red.; KIMMEL', L.S., red.izd-va; GRECHISHCHEVA, V.I., tekhn.red.

[Organization of the repair of lumbering equipment by the unit method] Organizatsiia remonta lesozagotovitel'nogo oborudovaniia agregatnym metodom. Moskva, Goslesbumizdat, 1961. 218 p.

(MIRA 15:2)

(Lumbering--Equipment and supplies)

RUZIN, S.I., inzh.

Errors in measuring external diameters of machinery parts having a deviation from the correct cylindrical shape. Trudy MIMESZH
12:208-216 '60. (MIRA 13:9)

(Machine-shop practice)

RUZIN, S.I., inzh.

Interconnection of surface smoothness and the precision of dimensions and fits. Vest.mash. 40 no.7:61-66 J1 '60. (MIRA 13:7)
(Surfaces (Technology))
(Tolerance (Engineering))

RUZIN, V.A., inzh.

More on the economic effectiveness of automation. Mekh. trud. rab. 11
no.10:42-44 O '57. (MIRA 10:11)

(Automation)

RUZIN, V.A., kandidat fiziko-matematicheskikh nauk.

V.K.Arkad'ev, Obituary. Elektrichestvo no.3:91-92 Mr '54. (MLRA 7:4)

1. Fizicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta
im. Lomonosova. (Arkad'ev, Vladimir Konstantinovich, 1884-
1953)

L'VOV, Dmitriy Semenovich; SOSIN, Yerey Yefimovich; TILLES, S.A., kand.
tekhn. nauk, retsenzent; RUZIN, V.A., inzh., retsenzent; SALYAN-
SKIY, A.A., red. izd-va; DOBRITSYNA, R.I., tekhn. red.

[Technological fundamentals and economic calculations of the mechan-
ization and automation of small-lot manufacture of machinery] Tekhnolo-
gicheskie osnovy i ekonomicheskie raschety mekhanizatsii i avtomatiza-
tsii melkseriynogo mashinostroeniya. Moskva, Gos.nauchno-tekhn.izd-
vo mashinostroit.lit-ry, 1961. 246 p. (MIRA 14:11)
(Automation) (Industrial management)

VYAZEMSKIY, V.O.; LOMONOSOV, I.I.; PISAREVSKIY, A.N.; PROTOPOPOV, Kh.V.;
RUZIN, V.A.; TETERIN, Ye.D.. Primal uchastiye KLYUCHNIKOV, V.N.;
RYBAKOV, B.V., red.; SMOILYAN, G.L., red.; POPOVA, S.M., tekhn.
red.

[Scintillation method in radiometry] Stsintillatsionnyi metod v
radiometrii. By V.O.Viazemskii i dr. Moskva, Gos. izd-vo lit-ry v
oblasti atomnoi nauki i tekhniki, 1961. 429 p. (MIRA 14:9)
(Scintillation counters)

RUZIN, V.B.

Using cold bitumen suspensions in building. Stroi.prom. 35 no.3:48-
50 '57. (MLRA 10:4)

(Rumania--Bituminous materials/
(Roofs)

RUZIN, Ya. L.

"Review of G.I. Atabekov's Book, 'Relay Protection of High-Voltage Networks' " *Elektrichestvo*, No. 12, 1950. Cand. Technical Docent, Leningrad Polytechnical Inst., im. M.I. Kalinin, -cl950-.

VOL'DEK, A.I.; DOMANSKIY, B.I.; DRANNIKOV, V.S.; ZALESSKIY, A.M.;
KAMENSKIY, M.K.; KANTAN, V.V.; KASHKAROV, G.Ye.; KIZEVETTER, Ye.I.;
KLIMOV, A.N.; KOVALEV, N.N.; KOSTENKO, M.P.; KOSTENKO, M.V.;
NEYMAN, L.R.; PAVLOV, G.M.; RAVDONIK, V.S.; RUZIN, Ya.L.;
SIDOROV, M.M.; SHRAMKOV, Ye.G.

Professor Sergei Vasil'evich Ussov, 1905- ; on his 60th birthday.
Elektrichestvo no.11:86 N '65. (MIRA 18:11)

AUTHORS: 1) Shchedrin, N. N., Doctor of Technical Sciences, Corresponding Member, Academy of Sciences, AS Uzbek SSR,
2) ~~Ruzin, Ya. L.~~ Docent, Candidate of Technical Sciences,
3) Shabadash, B. I., Docent

TITLE: G.I. Atabekov: "Theoretical Foundations of Relay Protection in High-Voltage Networks" (G.I. Atabekov. Teoreticheskiye osnovy reley'noy zashchity vysokovol'tnykh setey)

PERIODICAL: Elektrichestvo, 1958, Nr 7, pp. 95 - 96 (USSR)

ABSTRACT: 344 pages. Price 19.80 Roubles. Gosenergoizdat Publishing House, 1957. This is a book review. The volume under review is a revised edition of the author's book published in 1949. The book corresponds to a sufficiently high scientific-technical standard and may be considered as the first part of a work on the theory of relay protection. Two disciplines are combined in a corresponding manner: relay protection engineering and the theory for the calculation of short-circuits. Chapter 1: construction and application of complex equivalent circuits. Chapter 2: method of loci, applied to the investigation of the mode of operation of electric transmission lines. Chapter 3: method for the calculation of transient processes in high-voltage networks, Chap-

Card 1/3

G.I. Atabekov. "Theoretical Foundations of Relay
Protection in High-Voltage Networks"

SOV/105-58-7-32/32

ter 4: filters for the symmetrical component. Chapter 5: types of the foundations of the theory of the power control equipment. Chapter 6: distance protection. Chapter 7: high-frequency protection. Chapter 8: devices for the detection of the defective phase in systems with automatic single phase repeater connection. Chapter 9: differential current protection and directed differential protection (lines and bus bars). Chapter 10: devices which prevent an incorrect operation of the protection in the case of oscillations of the alternators and disturbances in the secondary circuits of the transformers. The book does not comprise all fields of relay protection engineering, but treats in a general form a series of important problems. Certain unclear facts and errors are pointed out. There is 1 Soviet reference.

ASSOCIATION: 2) Leningradskiy politekhnicheskii institut (Leningrad Polytechnical Institute) 3) Sredne-Aziatskiy politekhnicheskii institut
Card 2/3 (Central Asia Polytechnical Institute)

G.I. Atabekov. "Theoretical Foundations of Relay
Protection in High-Voltage Networks"

SOV 05-58-7-32/32

1. Electrical networks--Theory

Card 3/3

ABRYUTIN, Viktor Nikolayevich; FRIDENBERG, Rikhard Arnol'dovich;
BULGAKOV, K.V., dots., retsenzent; RUZIN, Ya.L., dots.,
retsenzent; SHABADASH, B.I., dots., retsenzent; VOL'PE, L.,
red.

[Electrical section of large capacity thermal electric
power plants] Elektricheskaya chast' moshchnykh teplo-
vykh elektrostantsii; uchebnoe posobie. Leningrad, Se-
vero-Zapadnyi zaachnyi politekhnicheskii in-t, 1962. 197 p.
(MIRA 17:3)

ABRYUTIN, Viktor Nikolayevich; TIMOFEYEV, V.A., doktor tekhn. nauk,
prof., retsenzent; GESSEN, V.Yu., dots., retsenzent;
IVANOV, Ye.A., dots., retsenzent; NAKHMANSON, Ye.Ye., dots.,
retsenzent; RUZIL, Ya.L., dots., kand. tekhn. nauk, retsenzent;
KLIMOV, V.A., st. prepod., retsenzent; VOL'PE, L., red.

[Electromagnetic transients in electrical networks and systems]
Elektromagnitnye perekhodnye protsessy v elektricheskikh se-
tiakh i sistemakh; uchebnoe posobie. Leningrad, Severo-zapad-
nyi zaoknyi politekhn. in-t, 1962. 278 p. (MIRA 17:5)

BASHARIN, A.V.; BELYAKOV, V.A.; DONSKOY, A.V.; NEYMAN, L.R.; RAVDONIK,
V.S.; RENNE, V.T.; RUZIN, Ya.L.; SABININ, Yu.A.; USOV, S.V.

Vasilii Gavrilovich Drannikov, 1904 -; on his 60th birthday
and the 35th anniversary of his theoretical and educational
work. Elektrichestvo no.10:87 0 '64. (MIRA 17:12)

L 10229-66

ACC NR: AP6002410

SOURCE CODE: UR/0105/64/000/010/0087/0087

AUTHOR: Basharin, A. V.; Belyakov, V. A.; Donskoy, A. V.; Neyman, L. P.; Ravdonik, V. S.; Renne, V. T.; Ruzin, Ya. L.; Sabinin, Yu. A.; Usov, S. V.

ORG: none

TITLE: Professor V. G. Drannikov (60th birthday and 35th anniversary of his scientific and pedagogical activity)

SOURCE: Elektrichestvo, no. 10, 1964, 87

TOPIC TAGS: electric engineering personnel, electric engineering

ABSTRACT: Vasilii Gavrilovich Drannikov was born in Serpukhov on 30 June 1904 to a worker's family. He began as a textile worker at the "Proletariy" factory in 1920, transferring to the Textile Institute in the same year. In 1924 he was enrolled in the college of Electromechanics at the Leningrad Industrial Institute. In 1930 he became a candidate for an advanced degree and began his teaching career at the then newly organized Chair of "Elektroprivod" (Electric power drives). One of his first publications was the laboratory textbook "Opredeleniye poter'v transmissii" (Determination of transmission losses) in 1932. In 1931 he became an assistant and in 1934 a reader (docent) for the chair of "Promyshlennoye ispol'zovaniye elektricheskoy energii" (Industrial uses of electric power). At that time he...

Card 1/2

UDC: 621.3(092)

L-10229-66

ACC NR: AP6002110

became the first in the USSR to lecture on the "use of ionic-electronic devices in electric power drives." In 1939 Drannikov defended his dissertation "Teoreticheskoye i eksperimental'noye issledovaniye nekotorykh skhem by strogo vozbuzhdeniya generatora Leonarda" (Theoretical and experimental investigation of certain high-speed excitation circuits for a Leonard generator). During the war Drannikov was Chief Engineer at the Vologodskaya Oblast' Communal Economy Directorate in charge of electric power. Returning to Leningrad in 1944, he took an active part in reopening the Polytechnical Institute. From 1952 to 1955 he was abroad on teaching assignments. Since 1958 he has been dean of the Chair of "Elektroprivod i avtomatizatsiya promyshlennyykh ustanovok" (Electric power drives and automation of industrial equipment). He has written 10 books, 12 texts, and many scientific papers on automation and electric drives. For his scientific and pedagogical activities he holds among other awards the "Znak pocheta" (Badge of Honor). Orig. art. has: 1 figure. [JPRS]

SUB CODE: 09 / SUBM DATE: none /

Card 2/2

AYZENBERG, B.L.; ALEKSANDROV, G.N.; GRIBOV, A.N.; GRUZDEV, I.A.; DOMANSKIY, B.I.;
DUBINSKIY, L.A.; ZALESSKIY, A.M.; KOSTENKO, M.P.; KOSTENKO, M.V.;
LEVINSHTEYN, M.L.; MIKIRTICHEV, A.A.; MIKHAYLOVA, V.I.; NEYMAN, L.R.;
RUZIN, Ya.L.; SMIRNOV, V.S.; STEFANOV, K.S.; USOV, S.V.; KHOBERG, V.A.;
SHCHERBACHEV, O.V.

Professor M.D.Kamenskii; on his 80th birthday. Elektrichestvo no.7:
92-93 J1 '65. (MIRA 18:7)

ACC NR: K16013017

SOURCE CODE: UR/0105/85/000/011/0086/0086

AUTHOR: Vol'dek, A. I.; Domanskiy, B. I.; Drannikov, V. S.; Zaleskiy, A. M.;
Kamenskiy, M. K.; Kantan, V. V.; Kashkarov, G. Ye.; Kizevetter, Ye. I.; Klimov, A. N.;
Kovalev, N. N.; Kostenko, M. P.; Kostenko, M. V.; Neyman, L. R.; Pavlov, G. M.;
Ravdonik, V. S.; Ruzin, Ya. L.; Sidorov, M. M.; Shramkov, Ye. G.

ORG: none

TITLE: Professor Sergey Vasil'yevich Usov, on his 60th birthday

SOURCE: Elektrichestvo, no. 11, 1965, 86

TOPIC TAGS: academic personnel, electric engineering personnel, electric power plant

ABSTRACT: The noted Soviet power specialist Professor S. V. USOV, who was 60 years old last September, graduated from the Leningradskiy elektrotekhnicheskiy institut (Leningrad Electrotechnical Institute) in 1930 and then, for the next twenty years, worked for the Lenenergo power system of which he became chief engineer in 1939. During the blockade of Leningrad he was head of the group which in 45 days managed to connect the beleaguered city with the Volkhovskaya hydroelectric station across the frozen Ladoga lake. He also carried out the adaptation of the boilers of the Leningrad thermal power plant to consume the locally available fuel. In 1949 he became professor and head of the Department of Electric Stations.

Card 1/2

UDC: 621.311.1

L 22429-66
ACC NR: AP6013617

of the Leningradskiy politekhnicheskii institut (Leningrad Polytechnic Institute) im. Kalinin. In addition to his fruitful pedagogical endeavors, he published 50 scientific papers. From 1955 to 1958 he was a deputy director for scientific work. In 1964 he was elected Dean of the Electromechanical Faculty of the Institute. He joined the Party in 1942; from 1943 to 1955 was deputy president of the central board of the NTOEP /Nauchno-tekhnicheskoye obshchestvo energeticheskoy promyshlennosti; Scientific Engineering Society of Power Industries/, president of the section of power systems of NTOEP, and member of numerous scientific-engineering councils. For many years he was a member of the editorial board of the journal Elektricheskiye stantsii (Electric Stations). For his contributions in the field of power engineering S. V. USOV was awarded the Order of Lenin, Order of Red Banner of Labor, Order of Red Star, Badge of Distinction, and the medals: "For the Defense of Leningrad" and "For Distinguished Service During the Patriotic War." Orig. art. has: 1 figure. [JPRS]

SUB CODE: 10 / SUBM DATE: none

Card 2/2 B. G.

L 22149-66

ACC NR: AP6012968

SOURCE CODE: UR/0143/65/000/007/0130/0131
22
B

AUTHOR: Smirnov, V. S.; Kostenko, M. P.; Neyman, L. R.; Kostenko, M. V.;
Domanskiy, B. I.; Zalesskiy, A. M.; Usov, S. V.; Ayzenberg, B. L.; Dubinskiy, L. A.;
Aleksandrov, G. N.; Gribov, A. N.; Gruzdev, I. A.; Levinshhteyn, M. L.;
Mikirtichev, A. A.; Mikhaylova, V. I.; Ruzin, Ya. L.; Stefanov, K. S.;
Khoberg, V. A.; Shcherbachev, O. V.

ORG: none

TITLE: Honoring the 80th birthday of Mikhail Davidovich Kamenskiy

SOURCE: Izvestiya vysshikh uchebnykh zavedeniy. Energetika, no. 7, 1965, 130-131

TOPIC TAGS: electric power engineering, electric engineering personnel,
hydroelectric power plant, thermoelectric power plant

ABSTRACT: On 19 April 1965 Prof. Dr. Techn. Sci. Mikhail David-
ovich Kamenskiy celebrated his 80th birthday and the 55th anni-
versary of his active work as a power expert. Mikhail Davidovich
is a 1909 graduate of the Petersburg Polytechnic Institute - since
his graduation he has been associated with this institute, now
renamed Leningrad Polytechnic Institute, as an instructor. He is
a major scientist and specialist in electric power grids and sys-
tems. He has been a major contributor to the establishment of
the Leningrad Power Grid and various large thermal and hydro-

Card 1/2

L 22149-66

ACC NR: AP6012968

electric power stations and an active participant in the design and construction of high- and low-voltage power systems in many cities of the Soviet Union. During the Siege of Leningrad in World War II he was a member of the Municipal Party Defense Committee. Since the war Mikhail Davidovich has been head of the Chair of Electric Power Grids and Systems at the Leningrad Polytechnic Institute and has been working on the methods of calculating the economic regimes of power system operation and on the problems of the present-day development of urban power systems. M.D. Kamenskiy has published more than 80 works, including both original studies as well as textbooks that are popular in the Soviet Union and abroad. He is the chairman of the Section on Power Systems and Grids under the Leningrad Division of the Scientific and Technical Division of the Power Industry and organizer of and participant in many scientific-technical conferences and meetings. His merits as an educator of a new school of Soviet power engineers are equally large. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 10 / SUBM DATE: none

Card 2/2 d/a

SMIRNOV, V.S.; KOSTENKO, M.P.; NEYMAN, L.R.; KOSTENKO, M.V.; DOMANSKIY,
B.I.; ZALESSKIY, A.M.; USOV, S.V.; AYZENBERG, B.L.; DUBINSKIY,
L.A.; ALEKSANDROV, G.N.; GRIBOV, A.N.; GRUZDEV, I.A.; LEVINSHTEYN,
M.L.; MIKIRTICHEV, A.A.; MIKHAYLOVA, V.I.; RUZIN, Ya.L.; STEFANOV,
K.S.; KHOBERG, V.A.; SHCHERBACHEV, O.V.

M.D. Kamenskii; on his 80th birthday. Izv. vys. ucheb. zav.;
energ. 8 no.7:130-131 J1 '65. (MIRA 18:9)

RUZINA, A.B.

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